



**Water from air
for a
better world**

There are...



**1.7 million
children**

under the age of five
die every year
because of illness
due to shortage of
clean drinking water



**80% of
diseases**

are caused by poor
water sanitation



**~ 2.0 billion
people**

around the world
use a source of
drinking water
contaminated with
feces, putting them
at risk of
contracting cholera,
dysentery, typhoid,
and polio



**50% of the
world's
population**

will be living in
water-stressed
areas by 2025



**Million
plastic
bottles per
minute**

91% of which are not
recycled

The solution:



A new source of drinking water

Watergen extracts clean
drinking water directly from
the humidity in the
atmosphere



About Watergen

Watergen at a Glance



A pioneering and innovative water-from-air technology



Founded in 2009



Patented technology
The world's most energy-efficient Atmospheric water generator



Worldwide footprint:
Clients & partnerships including: U.S.A, India, Brazil, Mexico, Australia, Vietnam, Thailand, the Philippines, CIS countries, African countries, and China



Multidisciplinary R&D team

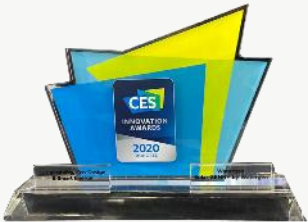


Manufacturing facilities in 3 continents

Awards



Watergen was selected as a
CES 2020 Innovation
Awards Honoree in the
sustainability, eco-design
& smart energy category



*(CES Consumer Technology
Association)*



Good House keeping
CES 2020
Editor's pick



(Good Housekeeping)



Watergen won the
Smart Home Division
Mark of Excellence



*(CES Consumer Technology
Association)*



Watergen was named
as one of
The Best
Innovation in 2019
by TIME Magazine



(Time Magazine)

Awards



Watergen was selected as a
CES 2019 Innovation
Awards BEST OF
INNOVATION Honoree in
the Tech For A Better
World product category



*(CES, Consumer Technology
Association)*



2018:
World Economic
Forum Technology
Pioneer



(World Economic Forum)



Watergen was
chosen as one of
the World's 50
Most Innovative
Companies



(Fast Company Magazine)



Watergen won the
Technology
Innovation
Leadership award



(Frost & Sullivan)

International media coverage (partial list)

The logo for FOX BUSINESS, featuring the word "FOX" in a large, bold, gold-colored font with a stylized "X", and the word "BUSINESS" in a smaller, gold-colored font below it.The logo for USA TODAY, featuring a blue circle to the left of the text "USA TODAY" in a bold, black, sans-serif font.The logo for YAHOO! NEWS, featuring the word "YAHOO!" in a purple, sans-serif font with an exclamation mark, and the word "NEWS" in a smaller, purple, sans-serif font below it.The logo for Forbes, featuring the word "Forbes" in a blue, serif font.The logo for FRANCE 24, featuring the text "FRANCE 24" in white, sans-serif font on a blue background, with a stylized white eye graphic below it.The logo for 3 NEWS LAS VEGAS, featuring a large blue number "3" followed by the NBC peacock logo, and the text "NEWS LAS VEGAS" in a blue, sans-serif font.The logo for Bloomberg, featuring the word "Bloomberg" in a bold, black, sans-serif font.The logo for The Weather Network, featuring a yellow square with a black globe icon, and the text "The Weather Network" in a blue, sans-serif font.The logo for CNN, featuring the letters "CNN" in a red, stylized, sans-serif font.The logo for EL UNIVERSAL, featuring a blue globe with a bird (eagle) flying around it, and the text "EL UNIVERSAL" in a blue, sans-serif font below it.The logo for THE Star ONLINE, featuring the word "Star" in a red, stylized, sans-serif font with "THE" in a smaller, red, sans-serif font above it, and the word "ONLINE" in a black, sans-serif font to the right.The logo for CBN NEWS, featuring the letters "CBN" in a blue, sans-serif font with a stylized flame icon above the "C", and the word "NEWS" in a blue, sans-serif font below it.

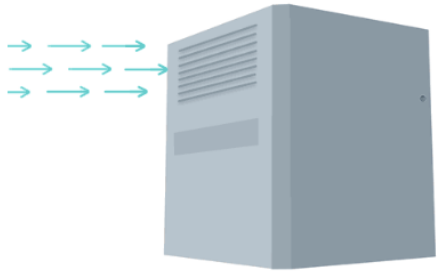
And much
more...



Watergen Technology

Watergen technology - Step by step

Step 1



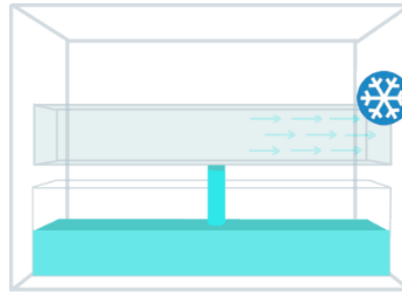
Watergen's built-in blower draws the air from the atmosphere into the atmospheric water generator

Step 2



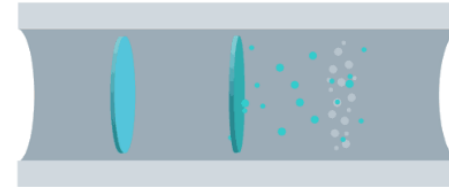
Once within the unit, an internal air filter removes dust and dirt from the air, leaving it pure and clean

Step 3



The air is then directed through the GENius™ heat exchange and cooling process, and condensed into water

Step 4



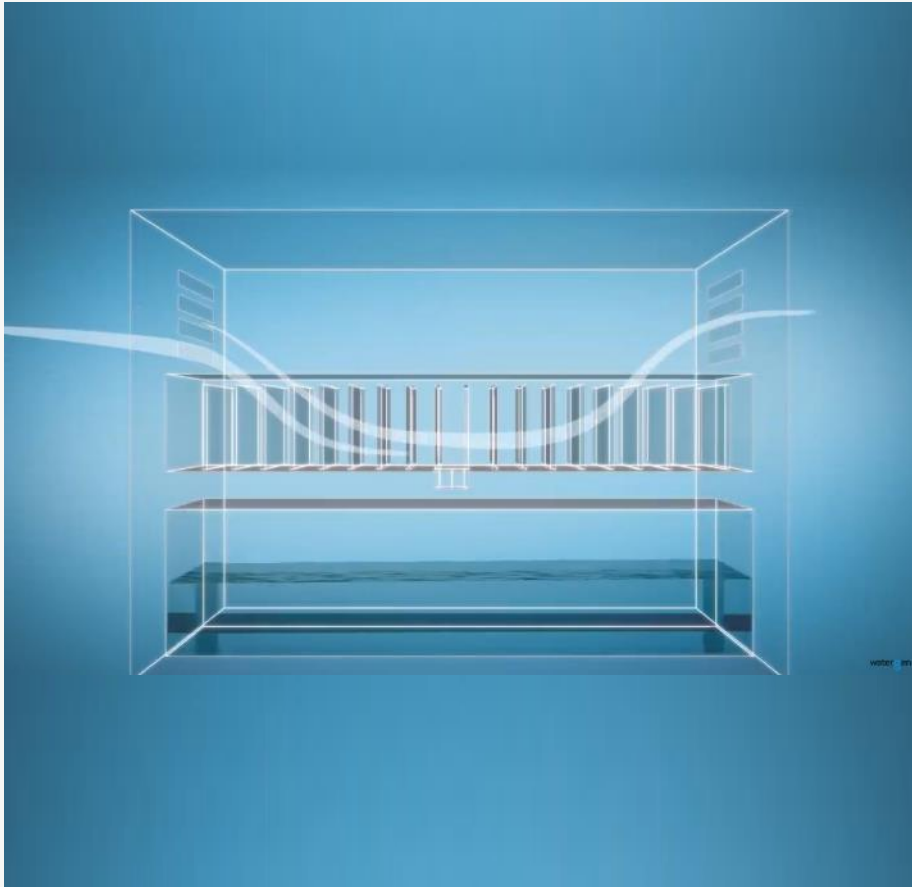
The water is filtered to remove impurities and minerals are added, to give drinking-quality water

Step 5



The water is stored in a built-in reservoir, where it is continuously circulated to keep it fresh, tasty and healthy

Watergen re-invented the heat exchanger



- GENius – the world's most energy-efficient atmospheric water generator (AWG) module of its kind
- Unique patented design and non-conductive structure, making water from air a true economic reality for the first time
- Advanced algorithm allows Watergen to operate in the widest range of atmospheric conditions
- Using only food-grade materials

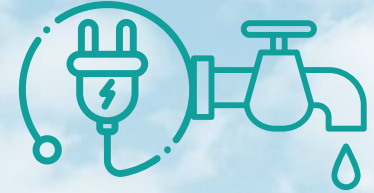
Watergen technology – Advantages



5 times more
water per kWh



Environmentally
friendly



Plug & drink
solution



Premium-quality
drinking water



Scalable
structure



Can operate using
alternative energy sources

Watergen – Technology for a better world

Saving lives

Almost 3 ½ million people die every year because of water scarcity and hygiene-related causes– Watergen can change it!



Improving health

Watergen prevents diseases related to contamination of water resources or aged and corrupted infrastructure (water pipes)

Helping the environment

Using Watergen's technology reduce plastic and save water transport

Improving children's lives and education

Children are often responsible for collecting water for their families. This takes time away from school and play. Access to safe water and sanitation will change this

Create Economic Growth

Access to safe water at home gives families more time to pursue education and work opportunities, reduces health expenses and helps breaking the cycle of poverty

Our Products – Quick Overview

Watergen GEN-L



5,000 liters /
1,321 gallons
(per day)

Perfect for villages,
Off-grid settlements and factories. Units can
be integrated into AWS farms.

[Read more ►](#)

Watergen GEN-M



800 liters/211 gallons
(per day)

Give your school, hospital, commercial center
or residential building its very own on-site
renewable water source.

[Read more ►](#)

Watergen GENNY



30 liters / 7,9 gallons
(per day)

Fresh, cool water on tap. No plumbing, refills
or infrastructure required – simply plug in
GENNY in your home or office and start
drinking.

[Read more ►](#)

Watergen GEN-M ERV



800 liters /
211 gallons
(per day)

Customized heavy-duty truck equipped with
Watergen's GEN-M, providing clean drinking
water to people in emergency situations

[Read more ►](#)

Watergen Automotive Solutions



30 liter/7.9 gallons
(per day)

Integrated water generation technology in
private and public transportation

[Read more ►](#)

GEN-M Mobile Water Trailer



800 liters /
211 gallons
(per day)

MWT is a customized heavy-duty trailer
outfitted with our GEN-M Atmospheric Water
Generator

[Read more ►](#)

GENNY

Home and office appliance –
fresh and healthy water on tap.
No plumbing, refills or
infrastructure required



Water generation capacity:
Up to 30 liter/day



Integrated dispenser:
Cold and hot water



Internal water tank:
27 liter



Water purification technology:
Sediment filtration,
mineralization, activated
carbon, microbiological
treatment



Air Filtration:
Multimedia air filtration
cascade



Power:
110/220 VAC, 60/50Hz



Power consumption: 0.5 kW
(During water boiling: 1.8 kW)



Dimensions (LxWxH):
53cm x 42cm x 130cm



Weight: 80kg

Watergen GEN-L

Industrial renewable source of drinking water for cities villages, factories, and areas where clean water is not available or inaccessible



Water generation capacity:
Up to 5,000 liter/day



Power:
3 phase 380V / 50Hz



Water purification technology:
Sediment filtration,
mineralization, activated
carbon, microbiological
treatment



Power consumption:
~60kW/h



Dimensions (LxWxH):
3.00m x 2.80m x 2.38m



Air Filtration:
Multimedia air filtration
cascade



Weight: 2630kg

Watergen GEN-M

Highly mobile Medium scale water generator for schools, hospitals, commercial centers and residential buildings



Water generation capacity:
Up to 800 liter/day



Integrated dispenser:
Cold and ambient water



Internal water tank:
200 liter



Water purification technology:
Sediment filtration,
mineralization, activated
carbon, microbiological
treatment



Air Filtration:
Multimedia air filtration
cascade



Power:
208 / 400 VAC, 3-phase, 60 / 50
Hz



Power consumption:
~5.6kW/h



Dimensions (LxWxH):
1.40m x 1.40m x 1.58m



Weight: 780kg

GEN-M ERV (Emergency relief vehicle)

Customized heavy-duty truck equipped with Watergen's GEN-M*, providing clean drinking water to people in emergency situations



Fast and easy deployment in most weather conditions



Perfect for remote areas and difficult to access locations



Ideal for long term sustainable water generation throughout all phases of emergency and crisis response



Storage for emergency medical supplies and provisions



Installed DC Outlets with battery charging capacity for communication devices



Caterpillar 18KVA Diesel Generator



Available add-ons:
1000-1500L water reservoir;
500L fuel tank for week long operation; Emergency Lighting; Custom logo or paint, WiFi

GEN-M Mobile Water Trailer (MWT)

MWT is a customized heavy-duty trailer outfitted with our GEN-M Atmospheric Water Generator



Water generation capacity
Up to 800 liters/211 gallons a day in ideal condition



Integrated dispenser:
Cold and ambient water



Dispenses water in areas
both with and without an
operating electric grid



Indoor and outdoor
usage



Produces water in areas with
no potable water source



Highly mobile



Fast and easy deployment in
most weather conditions,
remote areas and difficult to
access locations

Automotive Solutions

Integrated water generation technology in vehicles providing the driver and passengers with instant drinking water from air



 [Automotive Solutions Movie](#)



Water generation capacity up to 30 liter/7.9 gallons per day



Customized built-in water tank per demand



Water purification technology: Sediment filtration, mineralization, activated carbon, microbiological treatment

Technical Water

An integrated technical water solution for use in washing sensors and cameras and other Water Injection technologies



Watergen To-Go

An add-on drinking water system for the that can be equipped on any caravan, trucks, recreation and leisure vehicles with clean drinking water



Applications

Full water supply / Backup water supply

Watergen provides an alternative and continuous source of drinking water supply to places where water is not available or contaminated



Schools/Universities



Hospitals



Commercial centers



Mines



Rural villages



Residential buildings



Offshore



City centers

Water dispenser - GENNY

Perfect solution for fresh and healthy drinking water.
Cost effective and environmentally friendly alternative to bottled water



Home



Office



Restaurants / hotels

Transportation

Integrated atmospheric water generator in a vehicle
Providing the driver and passengers with cool and fresh water on-the-go.



Private cars



Trucks



Public transportation



Trains



How does Watergen's automotive AWG works?

Water supply on demand

Watergen provides an ideal solution for short or long term sustainable water generation, whenever and wherever it is needed



Army camps



Natural disasters



Events



Case studies

Uzbekistan, May. 2019

Watergen provides water from air to an Orphanage in Bukhara



- Uzbekistan is a country in desperate need of a secure water supply as it is "double landlocked," and Bukhara in particular has recently been experiencing serious water shortage
- Kyrgyzstan and Tajikistan have, in recent years, insisted on making hydro-power dams at the headwaters for the two main rivers bringing freshwater supply into Uzbekistan, Amu Darya and Syr Darya. The dams undermined Uzbekistan's ability to use both rivers as sources for freshwater
- Watergen provides clean fresh drinking water created from the GEN-350 AWG to hundreds of children and staff living in an orphanage in Uzbekistan's city of Bukhara.

Chile, April 2019

Watergen provides water from air to the school in Chile



- About 30% of the water extracted in Chile is underutilized and many sources are polluted and unusable
- The country's economy is largely based on mines that require a considerable amount of water for their operation. The water is first pumped to the mines where it is used and polluted, and the contaminated water is then distributed to the rest of Chile.
- Watergen installed its medium scale AWG , the GEN-350 in an elementary school in Curepto, Chile.

Sierra Leone, Mar. 2019

Watergen provides water from air to a girls school in Sierra Leone, West Africa



- The average life expectancy for a Sierra Leonean is only 56 years. One of the lowest in the world. Infections and parasites, most found in contaminated water, is the largest cause of death in Sierra Leone
- Almost half of the population is not using a regulated water source for drinking. Most of the unsafe drinking sources are freestanding water, such as ponds, and unregulated wells
- A GEN-350 was placed in St. Joseph's girls school in Freeport, providing school girls and staff with safe-drinking water.



Ly Thai To City Square, Hanoi, Vietnam, Nov. 2018

Watergen provided a fundamental lifeline of drinking water to the people of Hanoi



- Only 39% of the rural population in Vietnam has access to safe water and sanitation
- In the Northern region of Vietnam around Hanoi, there is evidence of arsenic contamination in the drinking water
- Almost 80% of the diseases in Vietnam are caused by polluted water
- Watergen has donated a GEN-350 to the city of Hanoi

Humanitarian and Disaster Relief Aid, USA, 2017-2018

Watergen worked with the Red Cross and FEMA to provide vital relief to communities hit by hurricanes Harvey, Irma, and Michael



- 2017-2018 has been marked by hurricanes of record ferocity, damage and death tolls in the thousands
- Hurricanes aftermath: Hundreds of thousands of people are left without drinking water after floods disable the water systems.
- Hurricane aftermath: Whether water supplies are destroyed by high winds or overrun by contaminants, a compromised water supply is a matter of life and death
- Watergen is continuously working with the American Red Cross and FEMA in the US and sent Large Scale and Gen-350 machines to assist people by providing clean and safe drinking water in the aftermath of Hurricanes Harvey, Irma and Michael

Humanitarian and disaster relief aid, Kerala India, 2018

After Devastation From Monsoons Watergen Provides Water From The Air in, Kerala India



- Floods in the southern Indian state of Kerala killed more than 410 people in the worst flooding in 100 years
- More than 1 million people were left homeless in the 3,200 emergency relief camps set up in the area
- Maintaining sanitation and preventing disease in relief camps housing more than 800,000 people was a significant challenge
- Two GEN-350 units were installed in Alappuzha and Pathanamthitta districts of Kerala by Watergen and TATA Trusts.

Connaught Place, New Delhi, India, Aug. 2017

One month pilot – providing fresh drinking water to ~2,000 people every day



- There is not a single Indian city that can provide potable water from its taps
- India is at the top of the list of countries with the worst access to clean water close to homes
- 40% of the India's city water is lost due to pipe leaks and thefts via unauthorized connections
- Watergen provided water to tens of thousands of people in New Delhi, and presented Prime Minister Modi with a detailed work-plan that can solve the water crisis in India in a very short period



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